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ISSUE THEMES

Jan. — **Pipe Welding:** Purging for nuclear pipe welding, Commercial pipe sizes and wall thicknesses.
Feb. — **Electrode Selection:** Choosing the right Mig wire; Ferrite's role in stainless steel welds; Electrode selection chart.
March — **Flame Cutting:** Plasma cutting — a progress report; Programming a tape controlled flame cutter; Smoother cuts with water injection plasma; Conditions for water injection plasma.
April — **Mig Welding Update:** Mig does the job in building buckets.
May — **Welding Quality Control:** Qualifying NDT testors; The "vital few" causes of weld defects; High temperature dye penetrants.
June — **Structural Welding:** Tubular design boosts shop fabrication; Allowable fatigue stresses; Welded columns do double duty; AISC allowable fatigue stresses.
July — **Fact File '73 — Annual Welding Industry Market Statistics:** 1972 — Best year ever; Where are they now?; Fact file classified product section; Fact file manufacturers' addresses.
Aug. — **Welding Stainless Steel:** No failure — a must for nuclear welds; Stainless steel specifications.
Sept. — **Tig welding:** Tig welding beryllium copper; High volume assembly/joining with Tig.
Oct. — **OSHA:** OSHA — two years old and going strong; Getting a loan to meet OSHA compliance; OSHA increases small business inspections; OSHA record keeping requirements; Most cited OSHA standards; Safety standards for welding, cutting & brazing.
Nov. — **Welding Aluminum:** High quality aluminum weld with Mig; The many uses of aluminum; As-welded properties of aluminum joints
Dec. — **Distortion & Shrinkage Control:** Predicting the direction of distortion.

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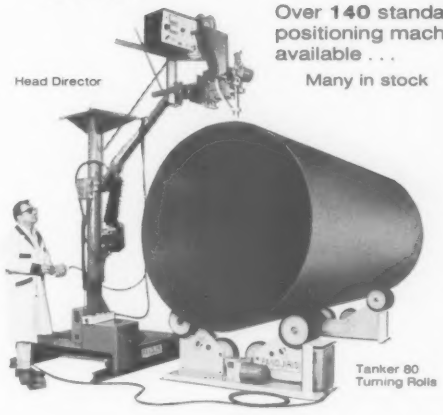

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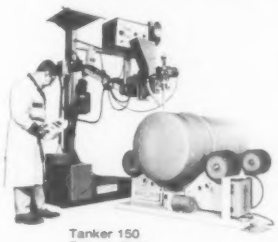

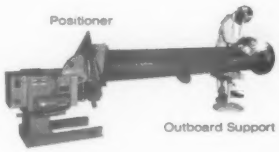

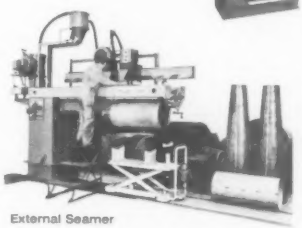

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